Appl. Statist. (1999)
48, *Part* 4, *pp.* 579–581

Index of authors, volume 48, 1999

Allum, G. T., Aykroyd, R. G. and Haigh, J. G. B. Empirical Bayes estimation for archaeological stratigraphy 1
Avery, P. J. and Henderson, D. A. Detecting a changed segment in DNA sequences 489
——— Fitting Markov chain models to discrete state series such as DNA sequences 53
Aykroyd, R. G. See under *Allum, G. T.*
Balogh, A. See under *Denison, D. G. T.*
Barão, M. I. and Tawn, J. A. Extremal analysis of short series and outliers: sea-levels and athletics records 469
Breslow, N. E. and Chatterjee, N. Design and analysis of two-phase studies with binary outcome applied to Wilms tumour prognosis 457
Charles, S. P. See under *Hughes, J. P.*
Chatterjee, N. See under *Breslow, N. E.*
Clarke, P. S. See under *Smith, P. W. F.*
Copas, J. The effectiveness of risk scores: the logit rank plot 165
Cornell, J. A. See under *Khuri, A. I.*
Denison, D. G. T., Walden, A. T., Balogh, A. and Forsyth, R. J. Multitaper testing of spectral lines and the detection of the solar rotation frequency and its harmonics 427
Dixon, M. J. and Tawn, J. A. The effect of non-stationarity on extreme sea-level estimation 135
Donnelly, C. A. See under *Raab, G. M.*
Durham, L. K., Halloran, M. E., Longini, I. M. and Manatunga, A. K. Comparison of two smoothing methods for exploring waning vaccine effects 395
Faddy, M. J. and Fenlon, J. S. Stochastic modelling of the invasion process of nematodes in fly larvae 31
Faddy, M. J. and Jones, M. C. Modelling and analysis of data that exhibit temporal decay 229
Fenlon, J. S. See under *Faddy, M. J.*
Feuer, E. J. See under *Weller, E. A.*
Forsyth, R. J. See under *Denison, D. G. T.*
Frey, C. M. See under *Weller, E. A.*
Garner, P. N. See under *Webb, A. R.*
Gilmour, S. G. See under *Trinca, L. A.*
Gilmour, S. G. and Ringrose, T. J. Controlling processes in food technology by simplifying the canonical form of fitted response surfaces 91
Glickman, M. E. Parameter estimation in large dynamic paired comparison experiments 377
Goldstein, H. See under *Langford, I. H.*
Gower, J. C. and Krzanowski, W. J. Analysis of distance for structured multivariate data and extensions to multivariate analysis of variance 505
Guenni, L. See under *Sansó, B.*
Guttiérrez Toscano, P. and Marriott, F. H. C. Unsupervised classification of chemical compounds 153
Guttorp, P. See under *Hughes, J. P.*
Hadgu, A. and Qu, Y. Acknowledgement 425
Haigh, J. G. B. See under *Allum, G. T.*
Haim, N. See under *Oman, S. D.*
Halloran, M. E. See under *Durham, L. K.*
Hand, D. J. See under *Stanghellini, E.*
Harrison, J. M. See under *Khuri, A. I.*
Heagerty, P. J. and Pepe, M. S. Semiparametric estimation of regression quantiles with application to standardizing weight for height and age in US children 533
Henderson, D. A. See under *Avery, P. J.*

© 1999 Royal Statistical Society 0035–9254/99/48579

Hughes, J. P., Guttorp, P. and Charles, S. P. A non-homogeneous hidden Markov model for precipitation occurrence 15
Jones, M. C. See under *Faddy, M. J.*
Kelsall, J. E., Zeger, S. L. and Samet, J. M. Frequency domain log-linear models; air pollution and mortality 331
Kent, J. T. See under *de Souza, K. M. A.*
Khuri, A. I., Harrison, J. M. and Cornell, J. A. Using quantile plots of the prediction variance for comparing designs for a constrained mixture region: an application involving a fertilizer experiment 521
Krzanowski, W. J. See under *Gower, J. C.*
Lambert, P. and Lindsey, J. K. Analysing financial returns by using regression models based on non-symmetric stable distributions 409
Langford, I. H., Leyland, A. H., Rasbash, J. and Goldstein, H. Multilevel modelling of the geographical distributions of diseases 253
Lesaffre, E. See under *Verbeke, G.*
Leyland, A. H. See under *Langford, I. H.*
Lindsey, J. K. On the use of corrections for overdispersion 553
——See under *Lambert, P.*
Liu, X., Waternaux, C. and Petkova, E. Influence of human immunodeficiency virus infection on neurological impairment: an analysis of longitudinal binary data with informative drop-out 103
Longini, I. M. See under *Durham, L. K.*
Manatunga, A. K. See under *Durham, L. K.*
Mardia, K. V. See under *de Souza, K. M. A.*
Marriott, F. H. C. See under *Guttiérrez Toscano, P.*
McConway, K. J. See under *Stanghellini, E.*
Meir, N. See under *Oman, S. D.*
Morgan, B. J. T. See under *Ridout, M. S.*
Oman, S. D., Meir, N. and Haim, N. Comparing two measures of creatinine clearance: an application of errors-in-variables and bootstrap techniques 39
Pepe, M. S. See under *Heagerty, P. J.*
Petkova, E. See under *Liu, X.*
Qu, Y. See under *Hadgu, A.*
Raab, G. M. and Donnelly, C. A. Information on sexual behaviour when some data are missing 117
Rasbash, J. See under *Langford, I. H.*
Ridout, M. S., Morgan, B. J. T. and Taylor, D. R. Modelling variability in the branching structure of strawberry inflorescences 185
Ringrose, T. J. See under *Gilmour, S. G.*
Rosenbaum, P. R. Using quantile averages in matched observational studies 63
Samet, J. M. See under *Kelsall, J. E.*
Sansó, B. and Guenni, L. Venezuelan rainfall data analysed by using a Bayesian space–time model 345
Sauerbrei, W. The use of resampling methods to simplify regression models in medical statistics 313
Skinner, C. J. See under *Smith, P. W. F.*
Smith, P. W. F., Skinner, C. J. and Clarke, P. S. Allowing for non-ignorable non-response in the analysis of voting intention data 563
de Souza, K. M. A., Kent, J. T. and Mardia, K. V. Stochastic templates for aquaculture images and a parallel pattern detector 211
Stanghellini, E., McConway, K. J. and Hand, D. J. A discrete variable chain graph for applicants for credit 239
Tawn, J. A. See under *Barão, M. I.*
——See under *Dixon, M. J.*
Taylor, D. R. See under *Ridout, M. S.*
Trinca, L. A. and Gilmour, S. G. Difference variance dispersion graphs for comparing response surface designs with applications in food technology 441
Verbeke, G. and Lesaffre, E. The effect of drop-out on the efficiency of longitudinal experiments 363

Verbyla, A. P., Cullis, B. R., Kenward, M. G. and Welham, S. J. The analysis of designed experiments and longitudinal data by using smoothing splines (with discussion) 269
Contributors to the discussion:
K. Basford, 306; C. J. F. ter Braak, 303; N. Butler, 307; B. R. Cullis, 308; P. H. C. Eilers, 307; B. Engel, 303; S. G. Gilmour, 306; P. Green, 304; R. Kempton, 300; M. G. Kenward, 308; N. T. Longford, 306; R. Mead, 301; G. Molenberghs, 305; R. Morton, 304; J. A. Nelder, 303; T. Pettitt, 308; A. P. Verbyla, 308; S. J. Welham, 308
Walden, A. T. See under *Denison, D. G. T.*
Waternaux, C. See under *Liu, X.*
Webb, A. R. and Garner, P. N. A basis function approach to position estimation using microwave arrays 197
Weller, E. A., Feuer, E. J., Frey, C. M. and Wesley, M. N. Parametric relative survival regression using generalized linear models with application to Hodgkin's lymphoma 79
Wesley, M. N. See under *Weller, E. A.*
Zeger, S. L. See under *Kelsall, J. E.*